LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.051	25	28	30	rBV	60337	60652	1.43%	0.125%
2	3.081	30	33	44	rVB	213693	288962	6.82%	0.597%
3	3.840	158	162	165	rBV	41866	53131	1.25%	0.110%
4	4.181	216	220	232	rVB	99089	151768	3.58%	0.314%
5	4.840	328	332	337	rVB3	20271	31874	0.75%	0.066%
6	5.163	383	387	390	rBV2	15946	20601	0.49%	0.043%
7	5.522	444	448	457	rVB3	11969	20665	0.49%	0.043%
8	5.798	488	495	500	rVB	12103	22937	0.54%	0.047%
9	6.181	551	560	567	rBV	42811	72992	1.72%	0.151%
10	6.445	599	605	606	rVV5	12428	18833	0.44%	0.039%
11	6.475	606	610	616	rVB2	41608	70198	1.66%	0.145%
12	6.669	633	643	659	rBV	301633	530625	12.52%	1.097%
13	6.828	663	670	677	rVV	406768	646469	15.26%	1.337%
14	6.981	688	696	697	rBV7	19109	36790	0.87%	0.076%
15	7.016	697	702	711	rVB	522310	799701	18.87%	1.653%
16	7.475	773	780	789	rBV	562901	874605	20.64%	1.808%
17	7.551	789	793	797	rVV5	29775	50773	1.20%	0.105%
18	7.616	797	804	813	rVB	149924	244778	5.78%	0.506%
19	7.704	813	819	824	rBV2	31995	49969	1.18%	0.103%
20	7.839	837	842	847	rVB	23239	36332	0.86%	0.075%
21	8.192	895	902	909	rVV	539216	826789	19.51%	1.709%
22	8.251	909	912	921	rVV5	21262	40269	0.95%	0.083%
23	8.392	924	936	939	rBV8	14342	36787	0.87%	0.076%
24	8.451	939	946	962	rVV	2650719	4237645	100.00%	8.761%
25	8.569	962	966	969	rVV2	29176	48582	1.15%	0.100%
26	8.616	969	974	984	rVV	539730	886022	20.91%	1.832%
27	8.704	984	989	994	rVB	79193	118493	2.80%	0.245%
28	8.822	1002	1009	1014	rBV8	15447	27646	0.65%	0.057%
29	8.975	1028	1035	1040	rBV4	27400	45393	1.07%	0.094%
30	9.092	1049	1055	1064	rBV3	67921	117978	2.78%	0.244%
31	9.175	1064	1069	1077	rVB6	19614	43782	1.03%	0.091%
32	9.269	1077	1085	1089	rBV6	7973	22362	0.53%	0.046%
33	9.333	1089	1096	1112	rVB	440096	728048	17.18%	1.505%
34	9.463	1112	1118	1122	rBV4	21692	41738	0.98%	0.086%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

35	9.516	1122	1127	1132	rVV3	31075	55333	1.31%	0.114%
36	9.622	1137	1145	1147	rVV	54139	91697	2.16%	0.190%
37	9.663	1147	1152	1161	rVB	171040	284205	6.71%	0.588%
38	9.792	1161	1174	1180	rBV3	65673	150190	3.54%	0.311%
39	9.869	1180	1187	1192	rVV	742805	1193286	28.16%	2.467%
40	9.916	1192	1195	1205	rVB2	85785	155318	3.67%	0.321%
41	10.022	1208	1213	1222	rBV3	33708	75422	1.78%	0.156%
42	10.233	1242	1249	1256	rVV	780149	1260439	29.74%	2.606%
43	10.298	1256	1260	1265	rVB6	20464	39604	0.93%	0.082%
44	10.380	1266	1274	1286	rBV	724396	1264752	29.85%	2.615%
45	10.522	1295	1298	1308	rVB10	14199	33683	0.79%	0.070%
46	10.816	1344	1348	1355	rBV7	15817	36020	0.85%	0.074%
47	10.880	1355	1359	1364	rVV7	11168	21006	0.50%	0.043%
48	10.933	1364	1368	1373	rVB8	20668	37217	0.88%	0.077%
49	11.080	1381	1393	1403	rBV4	55061	155573	3.67%	0.322%
50	11.227	1413	1418	1424	rVV9	19870	40801	0.96%	0.084%
51	11.298	1426	1430	1434	rVB5	12320	19371	0.46%	0.040%
52	11.445	1450	1455	1464	rVB5	21303	45970	1.08%	0.095%
53	11.604	1473	1482	1487	rBV	77416	139914	3.30%	0.289%
54	11.751	1500	1507	1515	rBV	1171947	1889945	44.60%	3.907%
55	11.857	1516	1525	1539	rVB	226568	465552	10.99%	0.963%
56	11.968	1540	1544	1552	rBV9	21077	38855	0.92%	0.080%
57	12.357	1606	1610	1616	rVB7	12278	19475	0.46%	0.040%
58	12.474	1623	1630	1639	rBV7	15837	42152	0.99%	0.087%
59	12.833	1687	1691	1699	rVV10	17507	39913	0.94%	0.083%
60	12.910	1699	1704	1710	rVV8	23739	56990	1.34%	0.118%
61	12.968	1710	1714	1723	rVB2	43175	65581	1.55%	0.136%
62	13.045	1723	1727	1729	rBV4	15683	22763	0.54%	0.047%
63	13.163	1743	1747	1756	rVB2	30228	51498	1.22%	0.106%
64	13.545	1806	1812	1816	rBV	1332743	1752001	41.34%	3.622%
65	13.592	1816	1820	1826	rVB	397212	526257	12.42%	1.088%
66	13.680	1830	1835	1839	rBV8	23051	39693	0.94%	0.082%
67	13.727	1839	1843	1850	rVB9	20563	38116	0.90%	0.079%
68	13.804	1850	1856	1864	rBV	1318828	1930173	45.55%	3.991%
69	13.945	1876	1880	1885	rBV3	42958	60129	1.42%	0.124%
70	14.051	1893	1898	1903	rVB2	73763	106956	2.52%	0.221%
71	14.121	1903	1910	1917	rBV	1122648	1642182	38.75%	3.395%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

72	14.351	1944	1949	1963	rBV	301967	516968	12.20%	1.069%
73	14.668	2001	2003	2008	rVB5	13167	20708	0.49%	0.043%
74	14.733	2011	2014	2024	rVB5	18215	41585	0.98%	0.086%
75	14.827	2026	2030	2035	rVB	37454	50680	1.20%	0.105%
76	14.898	2038	2042	2047	rVB	28528	46170	1.09%	0.095%
77	15.121	2074	2080	2086	rVB	1765151	2421989	57.15%	5.007%
78	15.251	2097	2102	2107	rBV	472898	633960	14.96%	1.311%
79	15.380	2118	2124	2128	rBV3	67962	116373	2.75%	0.241%
80	15.421	2128	2131	2137	rVB7	30359	52896	1.25%	0.109%
81	15.486	2137	2142	2147	rBV9	13846	31927	0.75%	0.066%
82	15.645	2164	2169	2174	rBV	608422	785851	18.54%	1.625%
83	15.815	2193	2198	2204	rBV2	215958	331920	7.83%	0.686%
84	15.980	2223	2226	2231	rVB2	32767	38571	0.91%	0.080%
85	16.033	2231	2235	2237	rBV3	17094	25308	0.60%	0.052%
86	16.156	2251	2256	2263	rBV	385864	511096	12.06%	1.057%
87	16.221	2265	2267	2271	rVB2	22079	22353	0.53%	0.046%
88	16.439	2301	2304	2308	rVB3	36020	38971	0.92%	0.081%
89	16.868	2371	2377	2388	rVB	1446189	2004924	47.31%	4.145%
90	16.968	2388	2394	2402	rBV	2070794	2839081	67.00%	5.870%
91	17.074	2406	2412	2417	rVB	281745	393509	9.29%	0.814%
92	17.803	2532	2536	2540	rBV3	36064	57649	1.36%	0.119%
93	18.074	2578	2582	2586	rBV5	38948	50909	1.20%	0.105%
94	18.562	2661	2665	2673	rVB2	89579	127549	3.01%	0.264%
95	19.268	2780	2785	2792	rBV	2495639	3405691	80.37%	7.041%
96	19.339	2792	2797	2806	rVB	264392	394814	9.32%	0.816%
97	20.821	3045	3049	3054	rBV	604213	746667	17.62%	1.544%
98	21.068	3087	3091	3101	rVB	1897851	2359815	55.69%	4.879%
99	23.050	3423	3428	3436	rVB	1564588	2696397	63.63%	5.575%
100	23.185	3445	3451	3459	rVB	1426026	2411879	56.92%	4.986%

Sum of corrected areas: 48368431

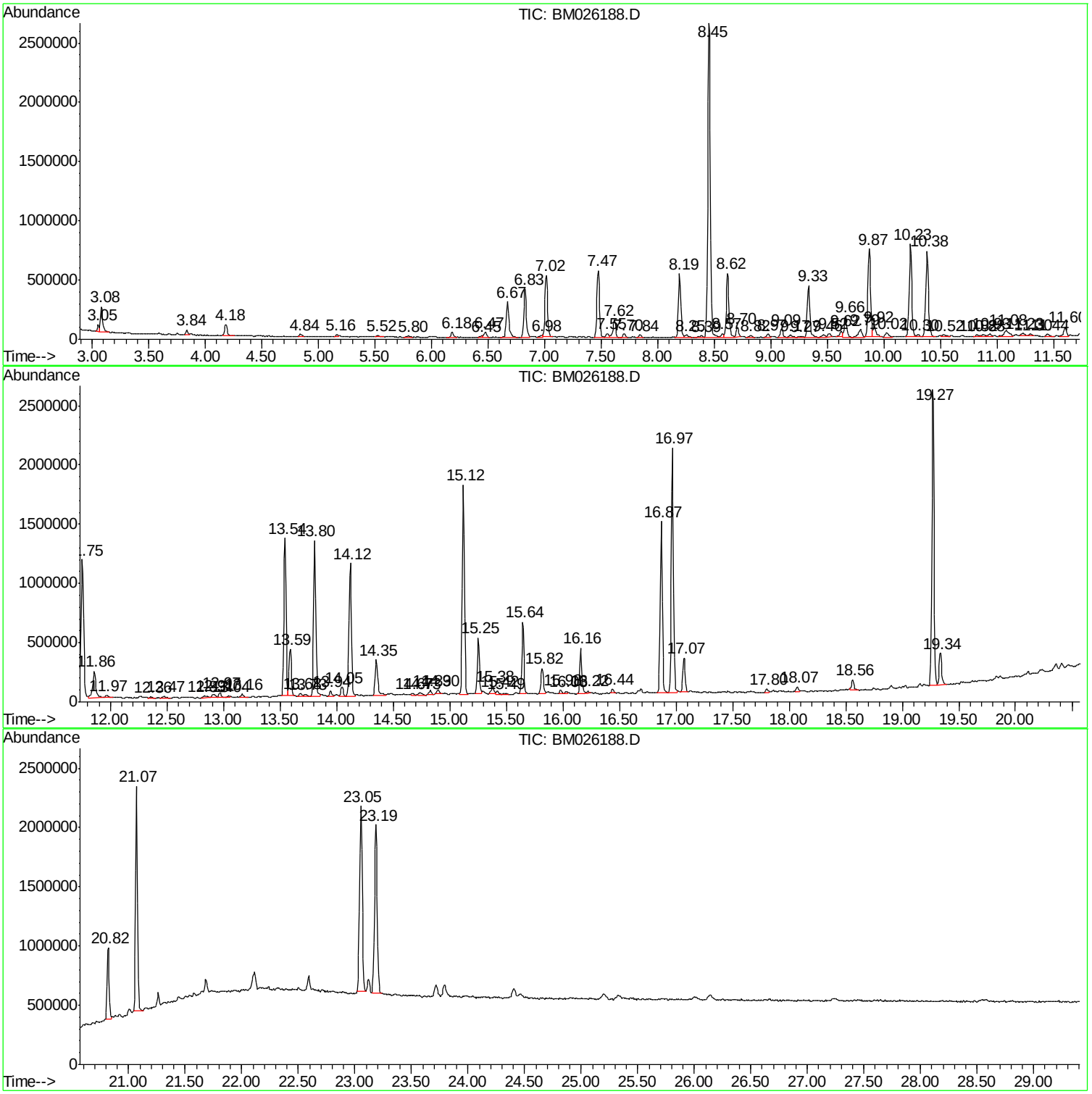
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

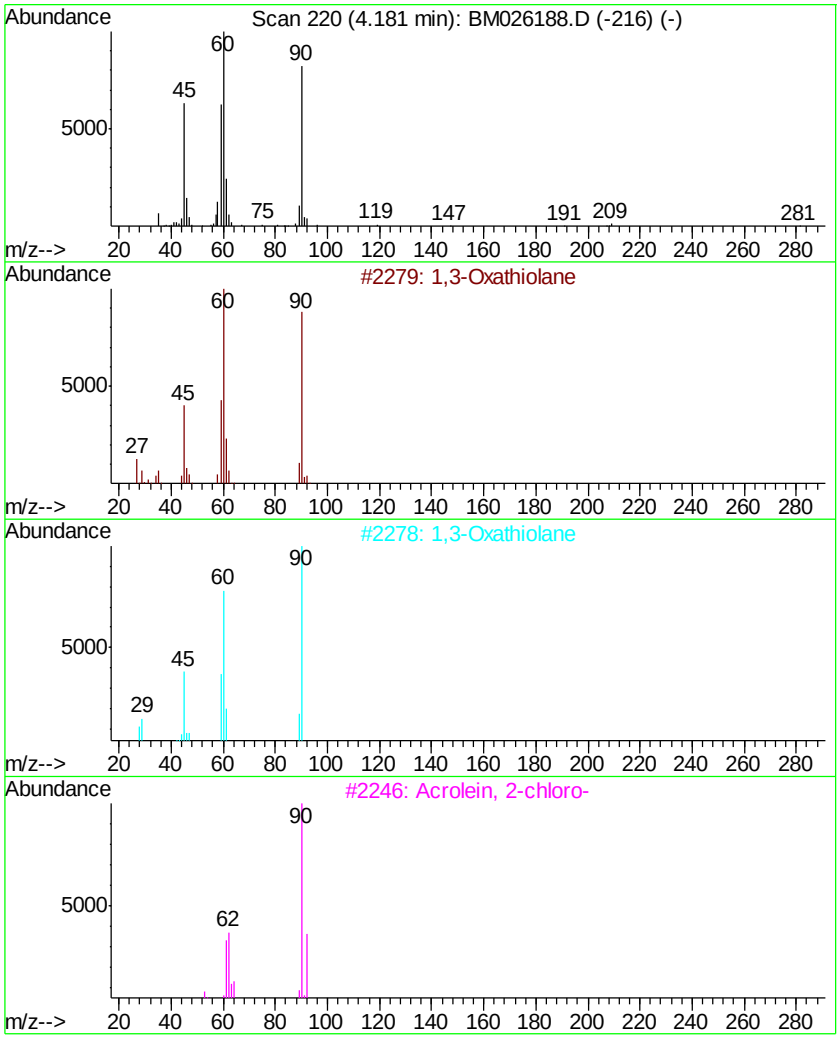
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

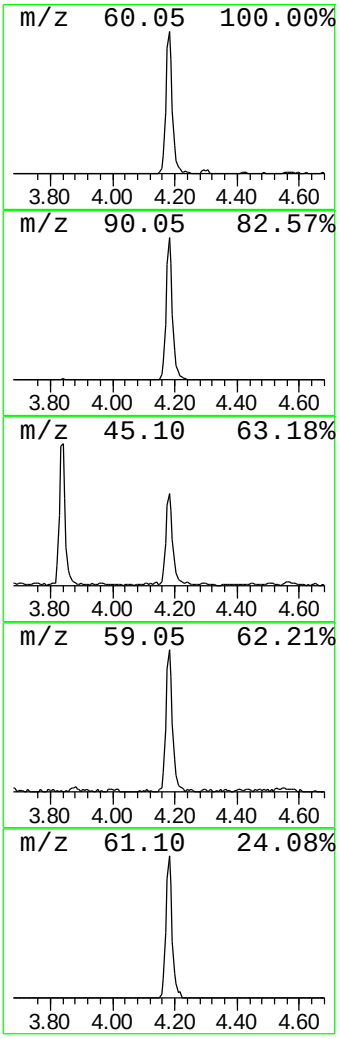
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	3.47 ng/ul	151768	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	90
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	64
3	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	59
4	3-Thietanol	90	C3H6OS	010304-16-2	53
5	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

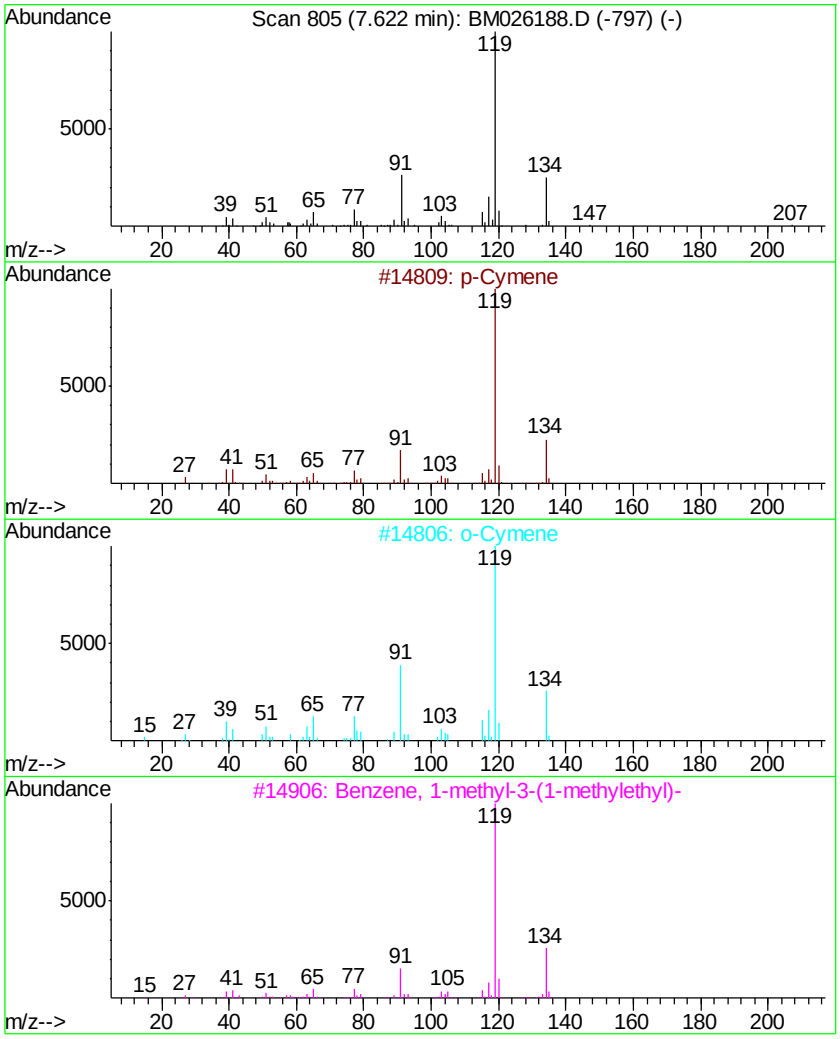
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

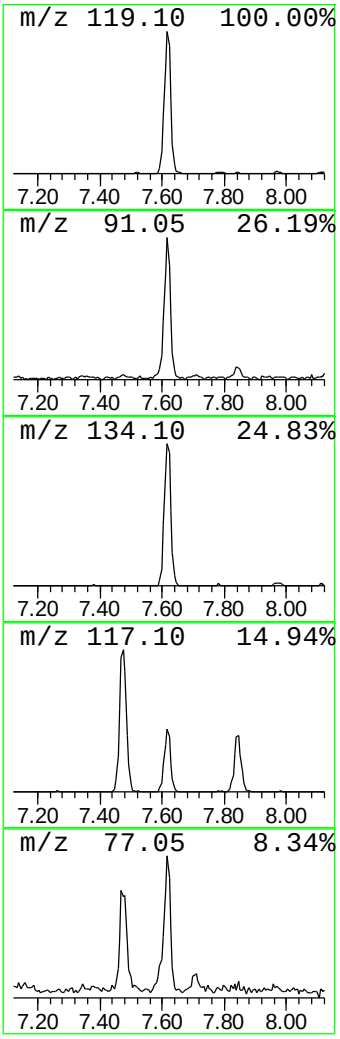
****

Peak Number 2 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	5.60 ng/ul	244778	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

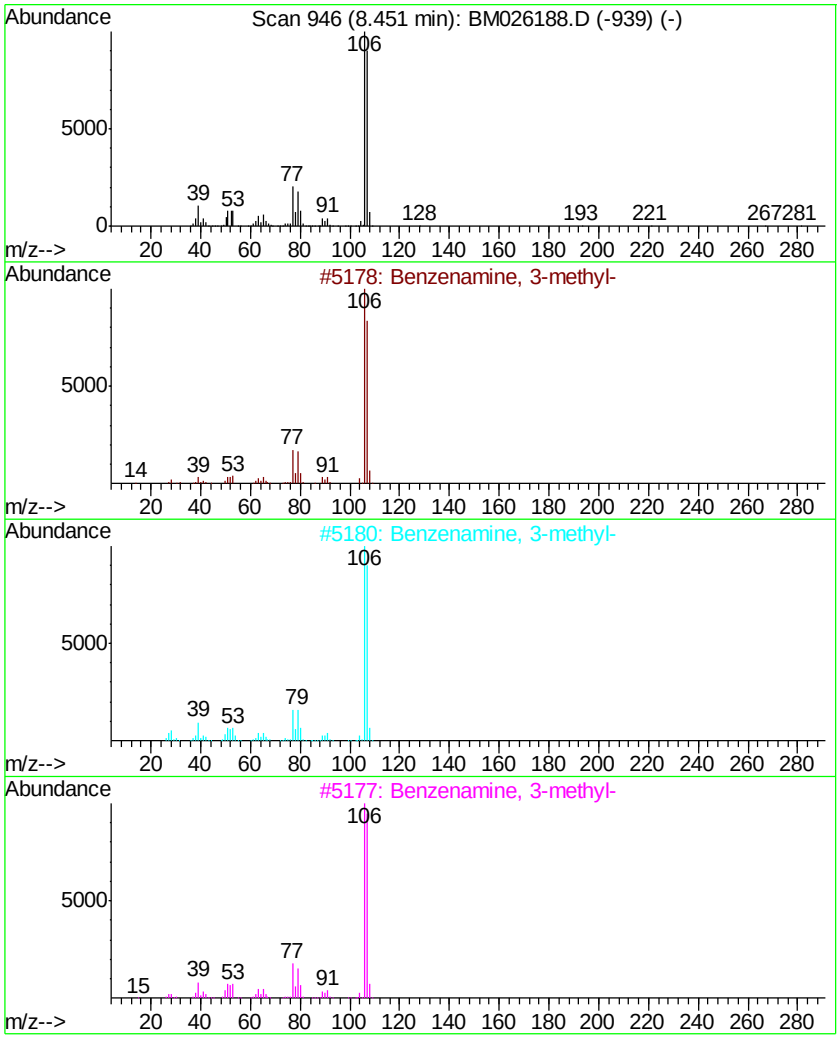
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

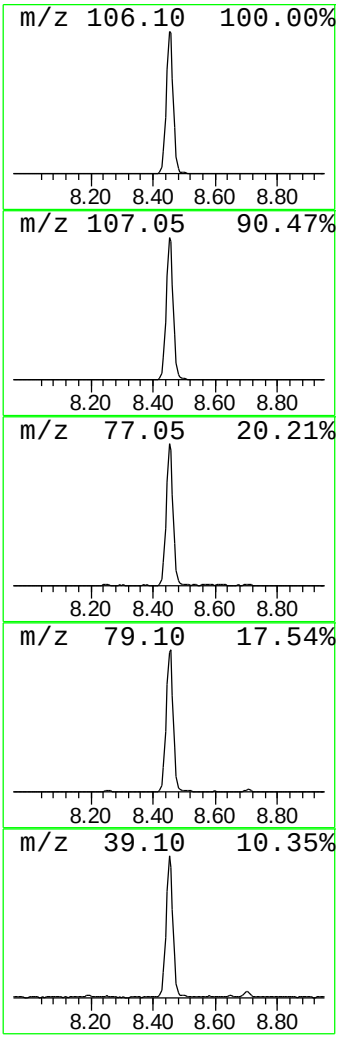
****

Peak Number 3 Benzenamine, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	96.90 ng/ul	4237650	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	97
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	96
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

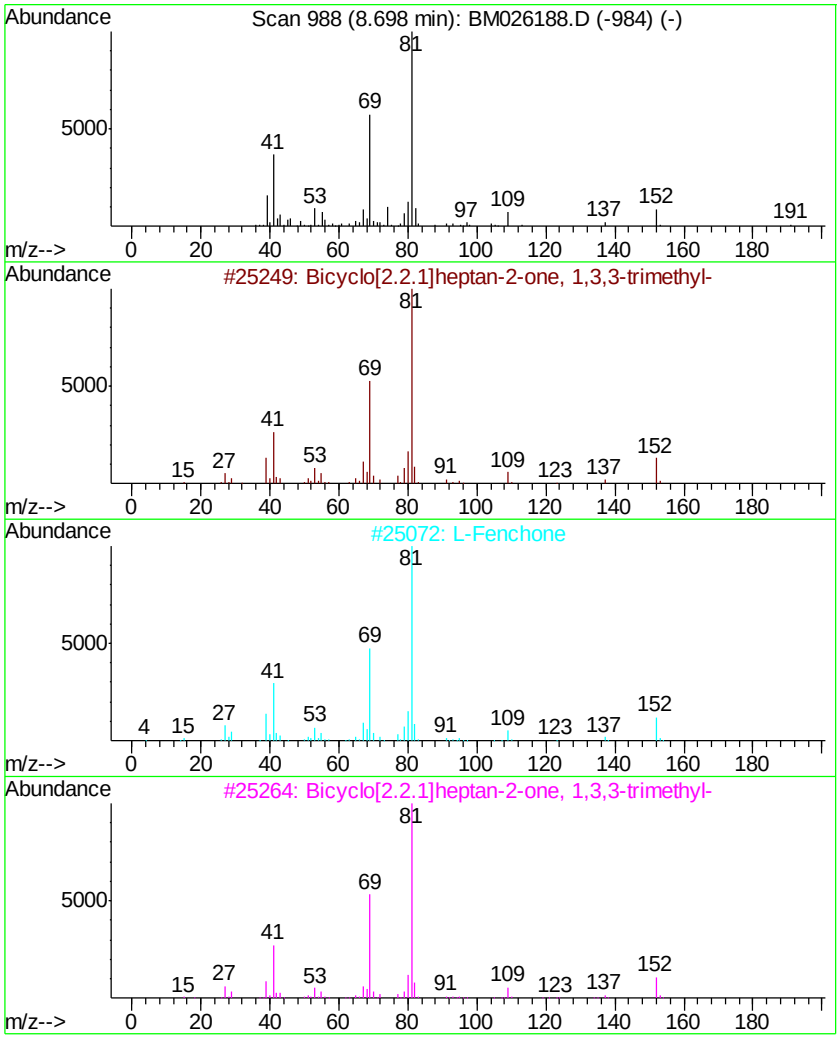
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

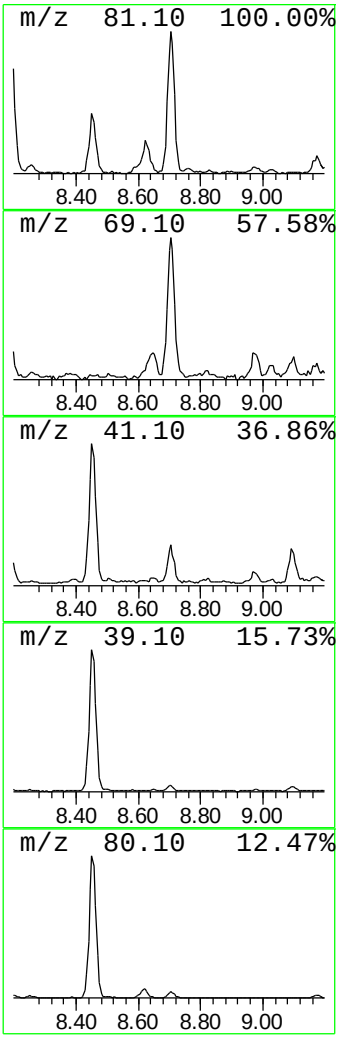
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.71 ng/ul	118493	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	93
2	L-Fenchone	152	C10H16O	007787-20-4	93
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
4	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

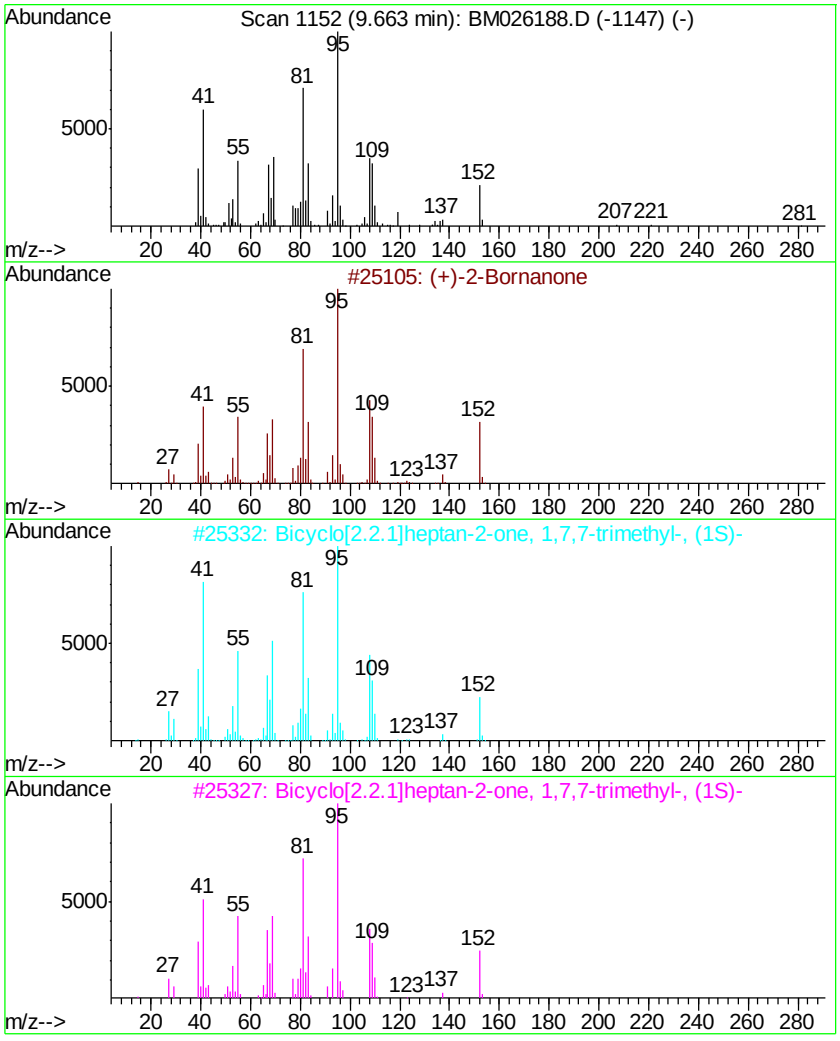
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

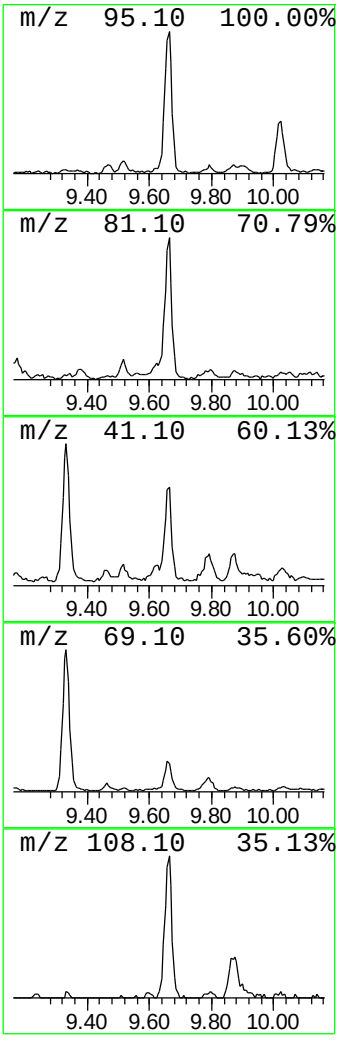
****

Peak Number 5 (+)-2-Bornanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	4.51 ng/ul	284205	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
4	Camphor	152	C10H16O	000076-22-2	94
5	Camphor	152	C10H16O	000076-22-2	94





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Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

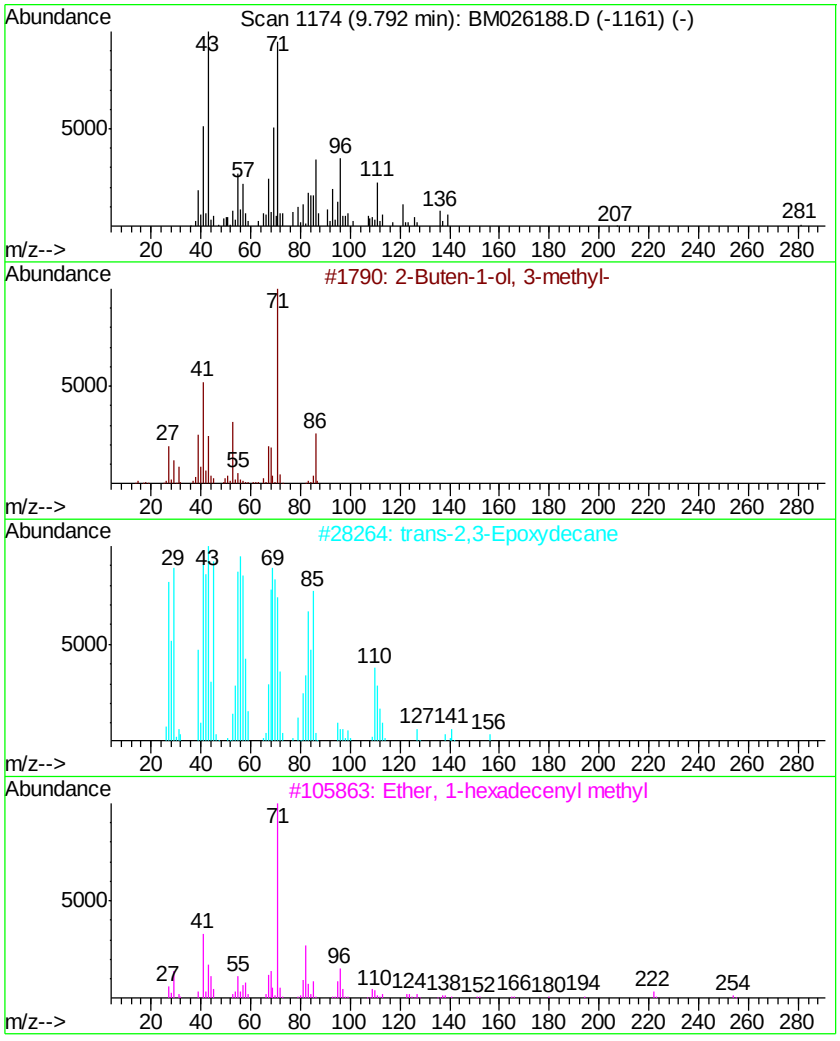
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

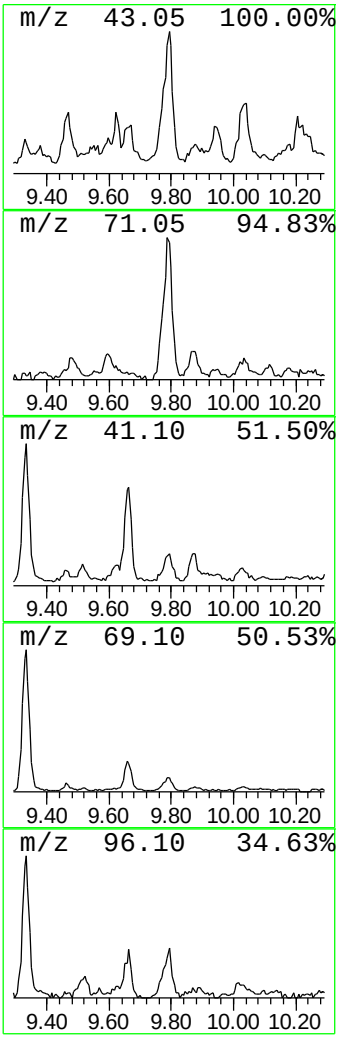
****

Peak Number 6 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.38 ng/ul	150190	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	46
2	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	43
3	Ether, 1-hexadecenyl methyl	254	C17H34O	015519-14-9	43
4	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	43
5	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	38





Library Search Compound Report

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Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

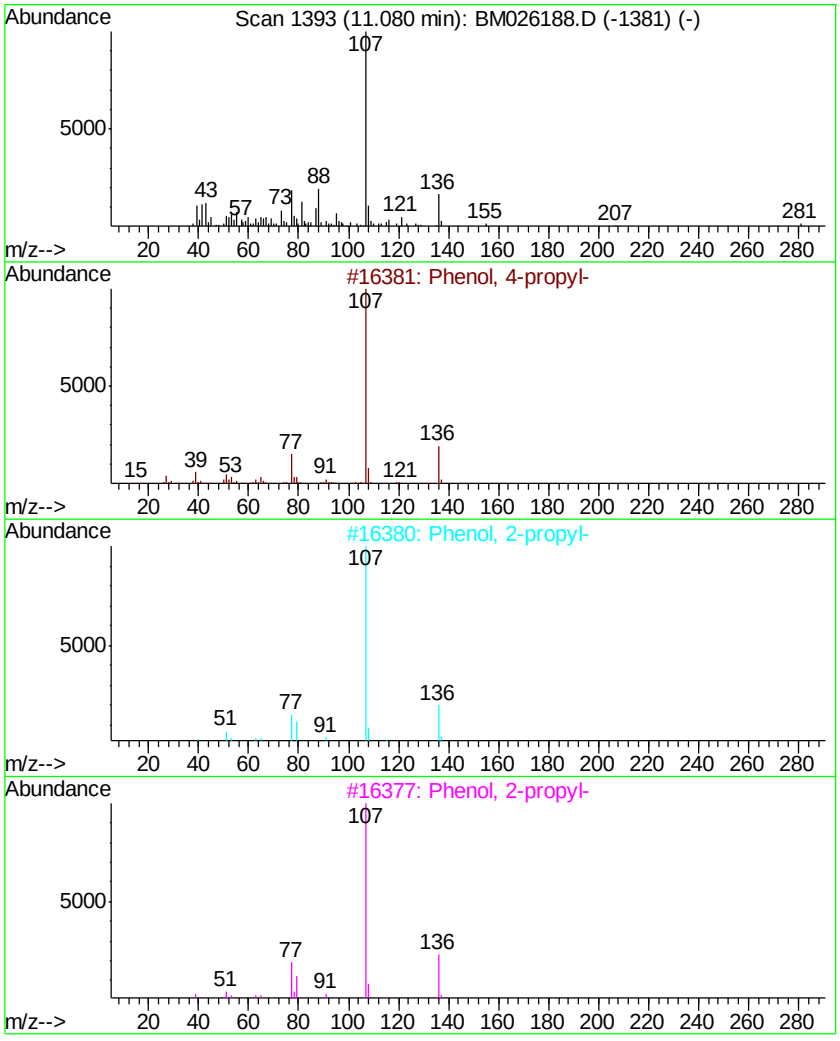
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

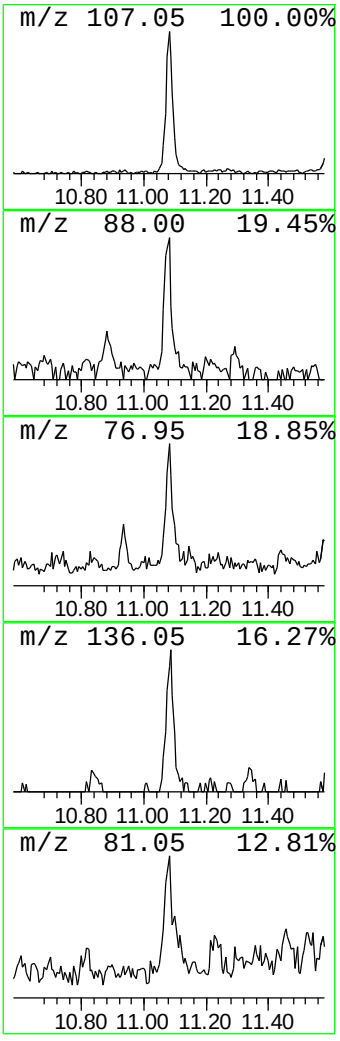
****

Peak Number 7 Phenol, 4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.47 ng/ul	155573	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-propyl-	136	C9H12O	000645-56-7	53
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	49
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	49
4	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	49
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	47





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Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

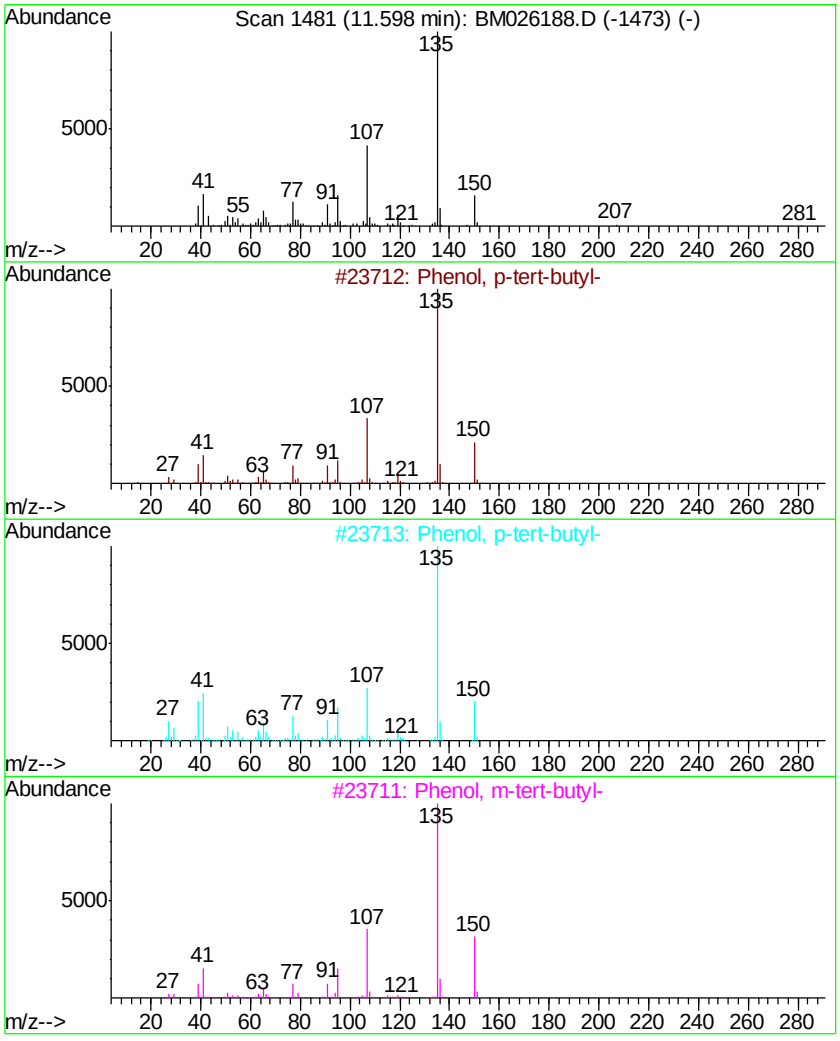
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

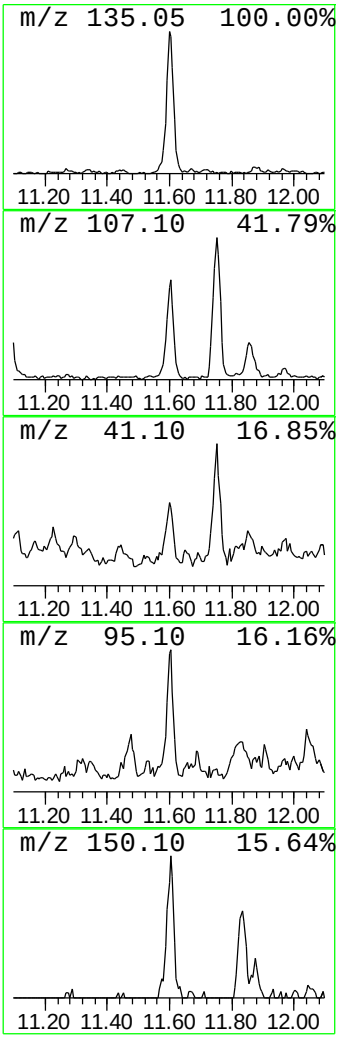
****

Peak Number 8 Phenol, p-tert-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	2.22 ng/ul	139914	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	95
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78





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Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

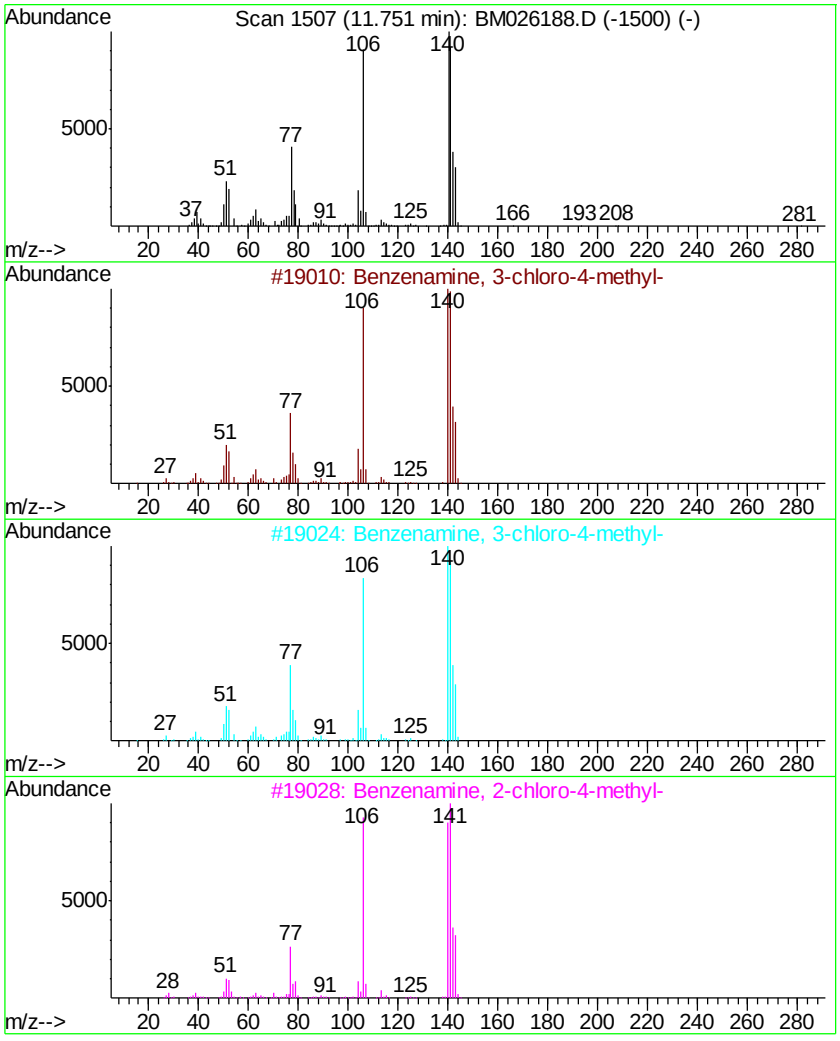
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

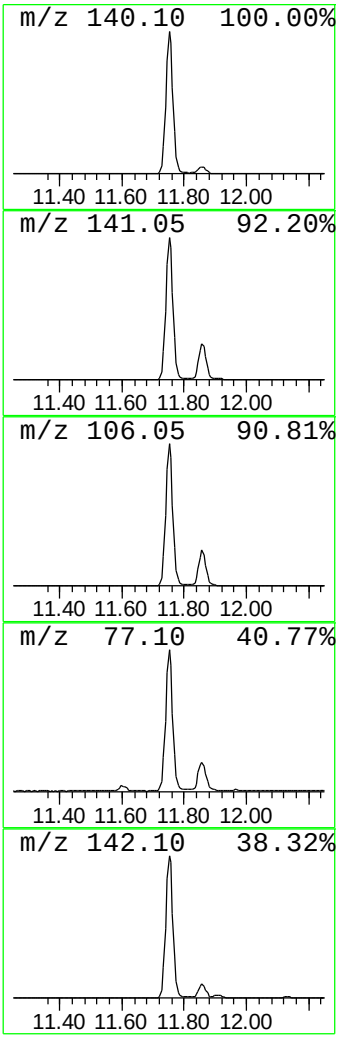
****

Peak Number 9 Benzenamine, 3-chloro-4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	29.99 ng/ul	1889950	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
2	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	98
3	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
4	Benzenamine, 2-chloro-4-methyl-	141	C7H8ClN	000615-65-6	95
5	Benzenamine, 3-chloro-4-methyl-	141	C7H8ClN	000095-74-9	93





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Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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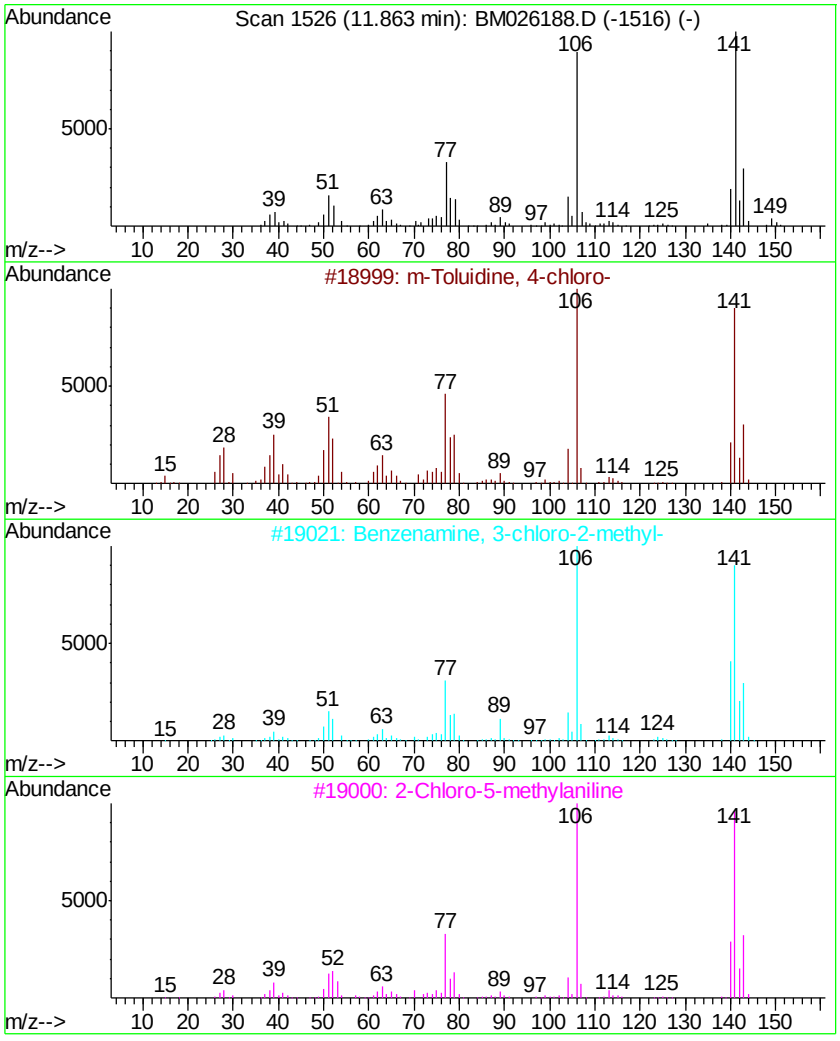
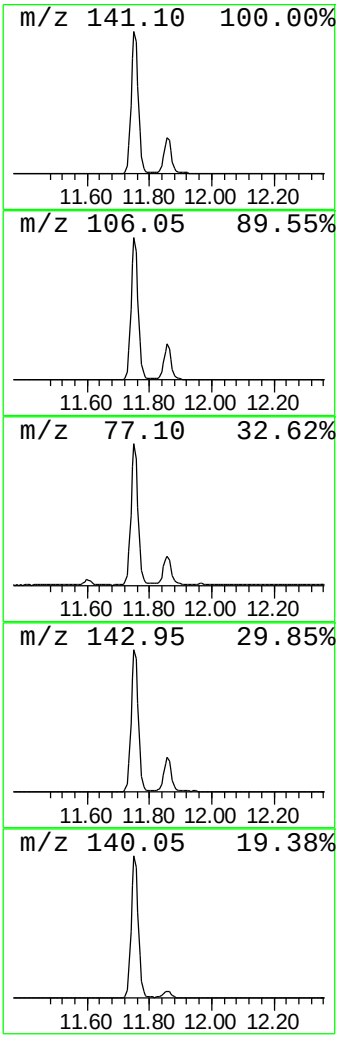
Peak Number 10 m-Toluidine, 4-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.39 ng/ul	465552	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Toluidine, 4-chloro-	141	C7H8ClN	007149-75-9	95
2	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
3	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	93
4	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	93
5	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	90





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Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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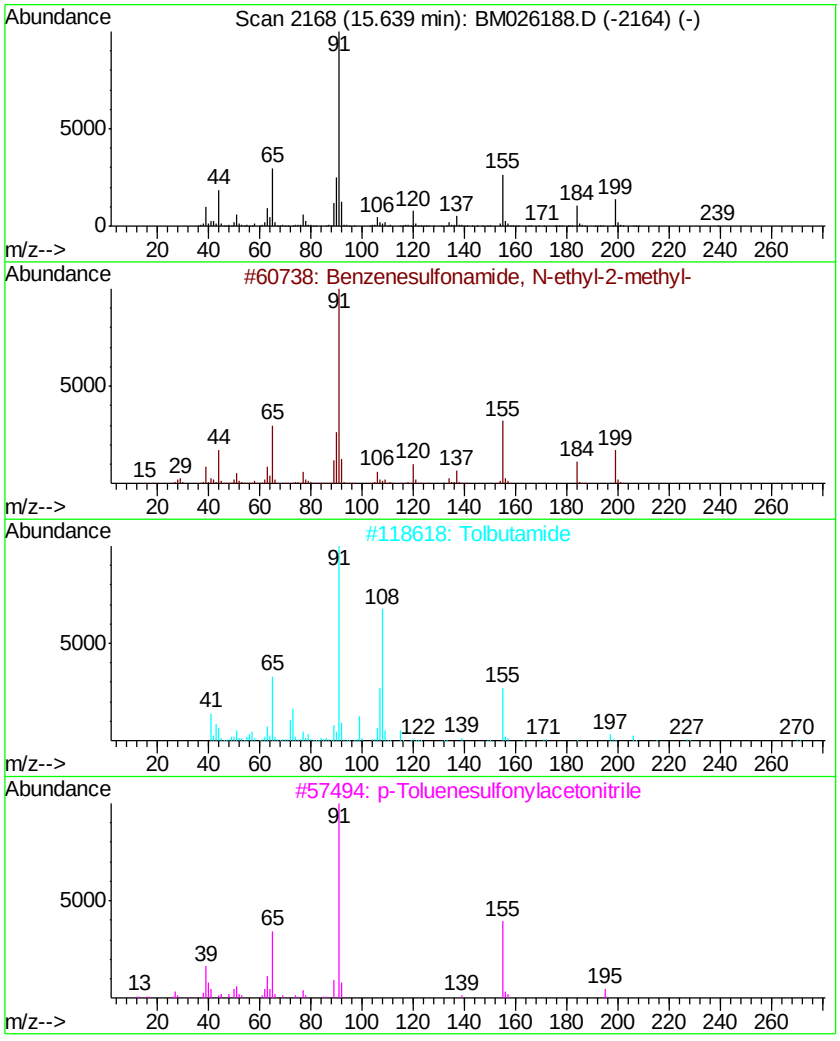
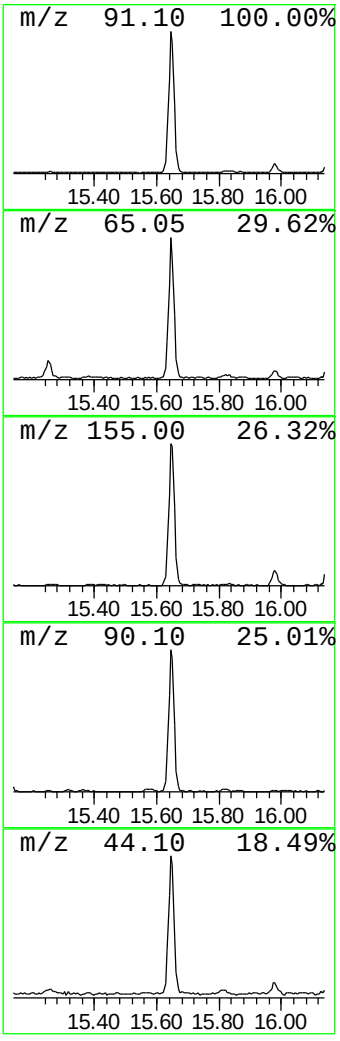
Peak Number 11 Benzenesulfonamide, N-ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	7.84 ng/ul	785851	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	98
2	Tolbutamide	270	C12H18N2O3S	000064-77-7	50
3	p-Toluenesulfonylacetonitrile	195	C9H9NO2S	005697-44-9	50
4	(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47
5	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	46





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Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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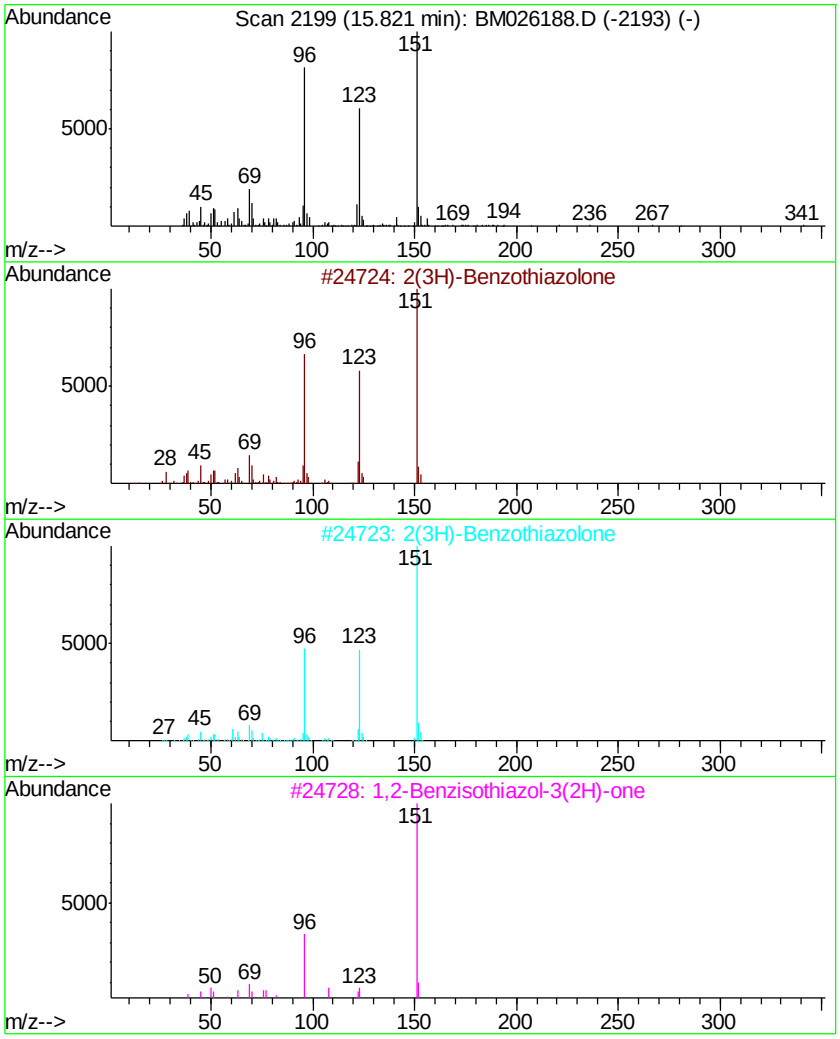
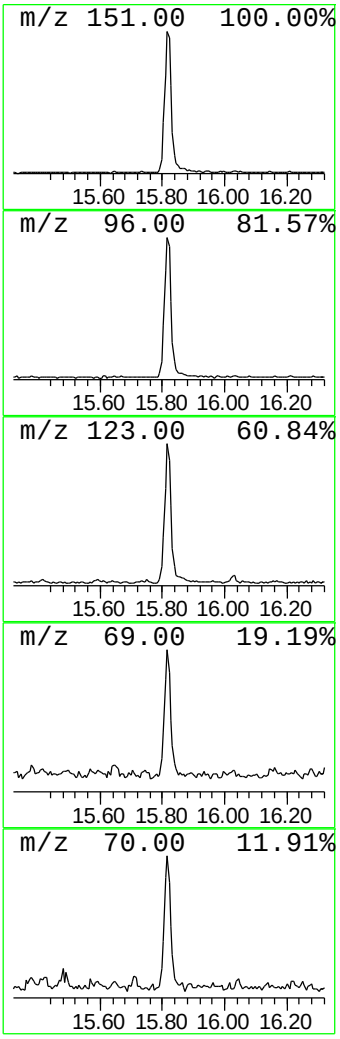
Peak Number 12 2(3H)-Benzothiazolone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.31 ng/ul	331920	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	76
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	68
4	4-Methoxyformanilide	151	C8H9NO2	005470-34-8	38
5	t-Butylhydroquinone	166	C10H14O2	001948-33-0	38





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Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

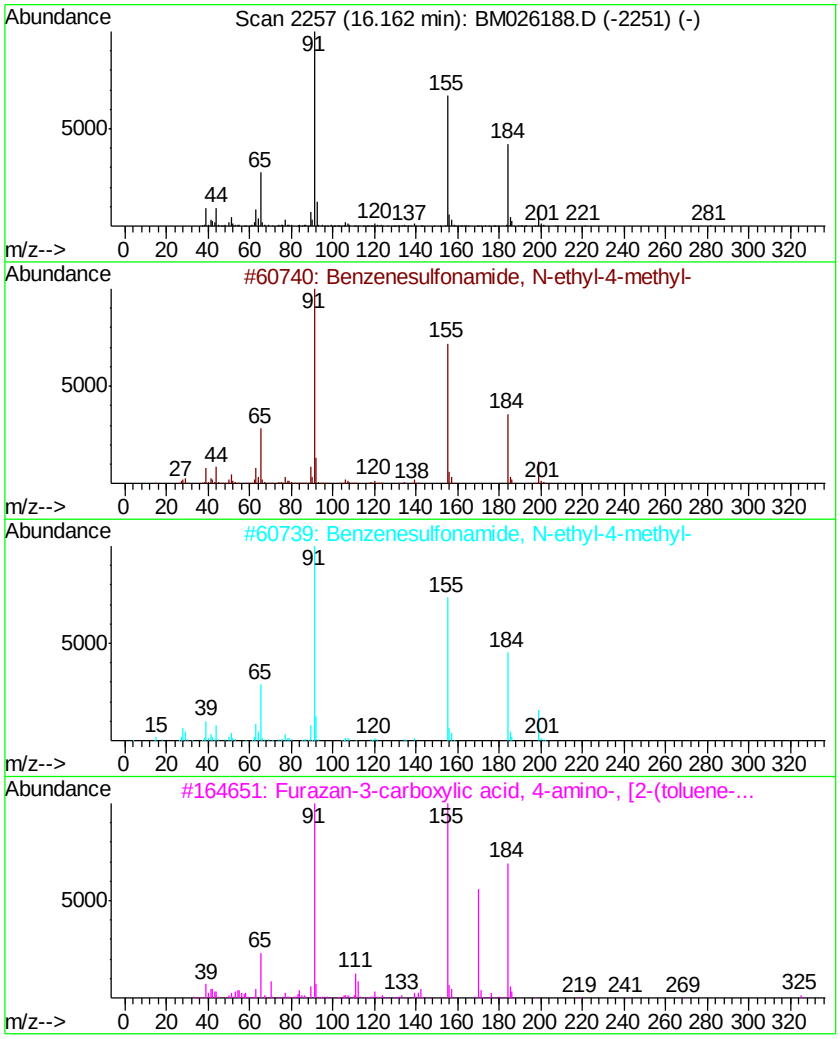
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

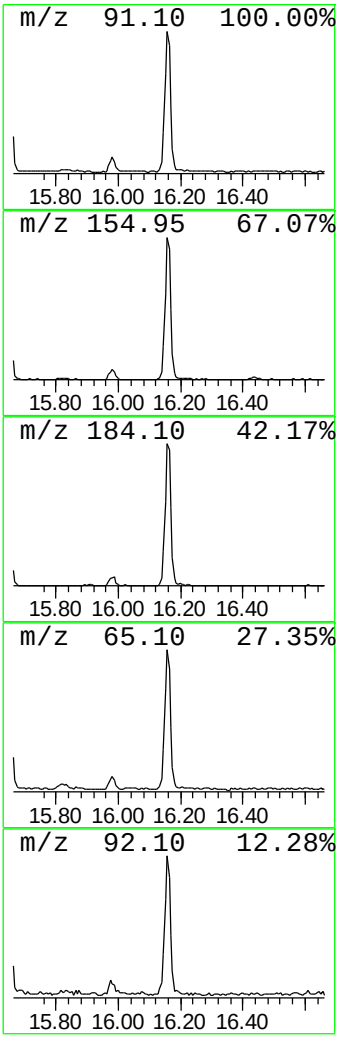
****

Peak Number 13 Benzenesulfonamide, N-ethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	5.10 ng/ul	511096	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	97
2	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	96
3	Furazan-3-carboxylic acid, 4-ami...	325	C12H15N5O4S	1000304-69-4	78
4	4-Methyl-N-(2-oxobutyl)benzenesu...	241	C11H15NO3S	1000192-14-5	78
5	Glycine, N-[(4-methylphenyl)sulf...	229	C9H11NO4S	001080-44-0	72





Library Search Compound Report

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Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

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Quant Title : SVOA CALIBRATION

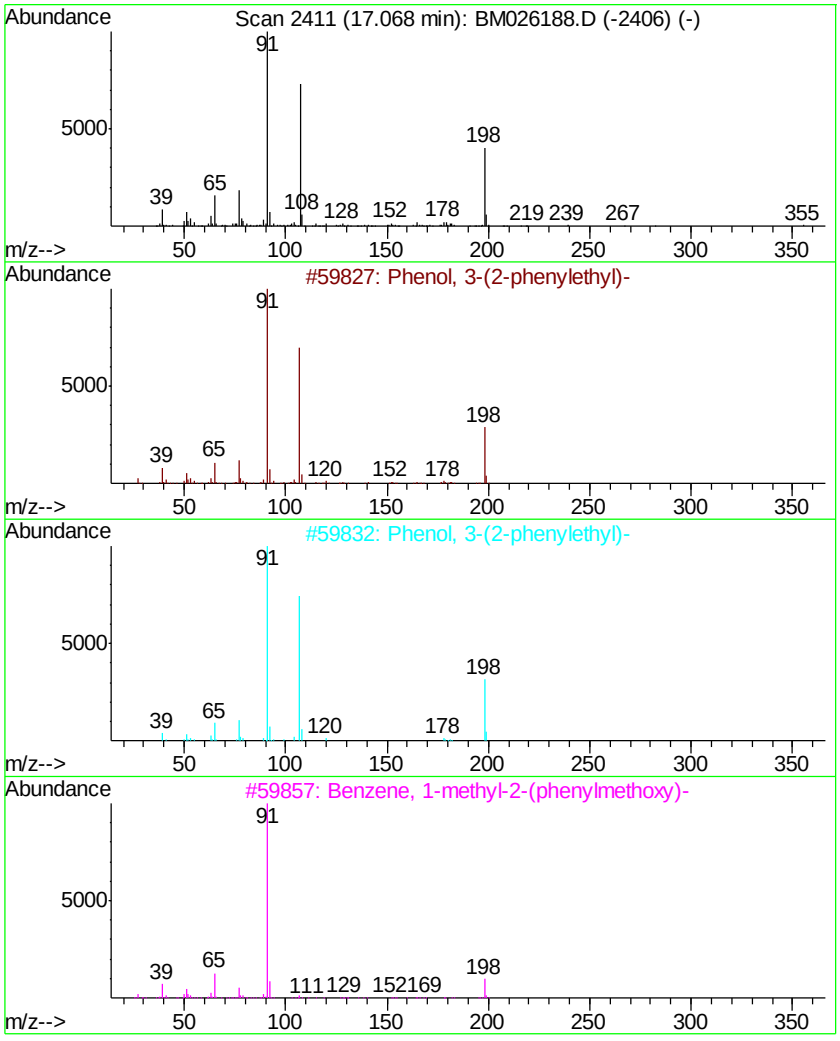
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

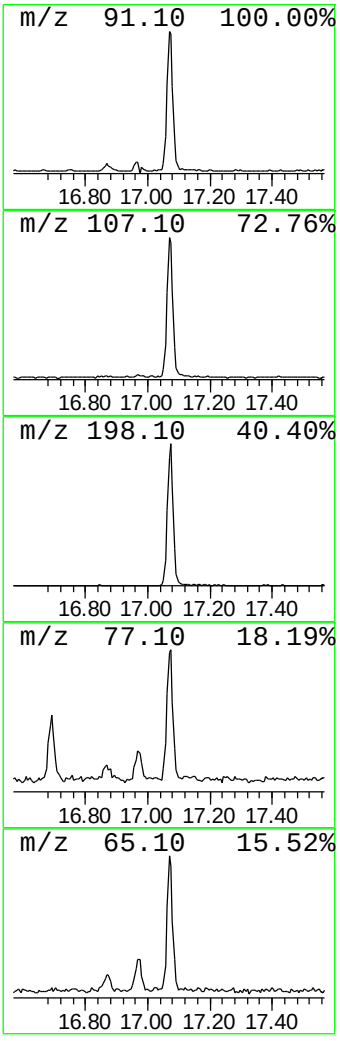
****

Peak Number 14 Phenol, 3-(2-phenylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	3.93 ng/ul	393509	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	94
2	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	93
3	Benzene, 1-methyl-2-(phenylmetho...	198	C14H14O	019578-70-2	47
4	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	38
5	Toluene-4-sulfonic acid, benzyl ...	262	C14H14O3S	001024-41-5	38





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Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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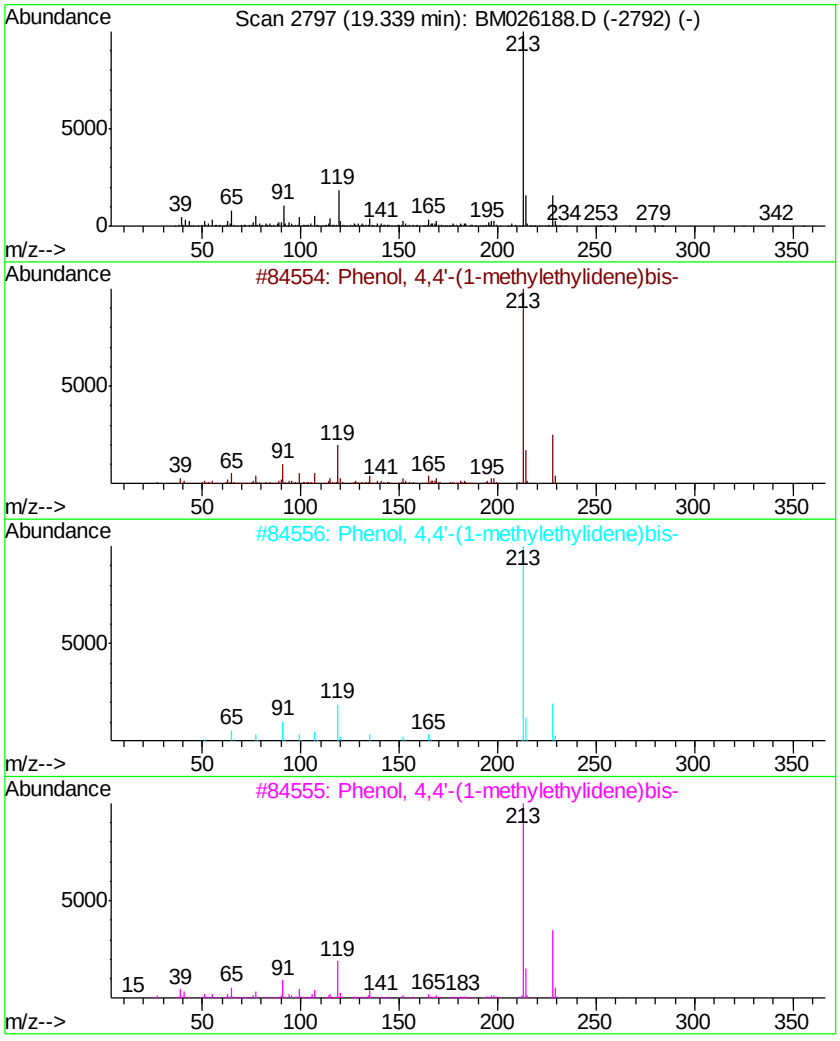
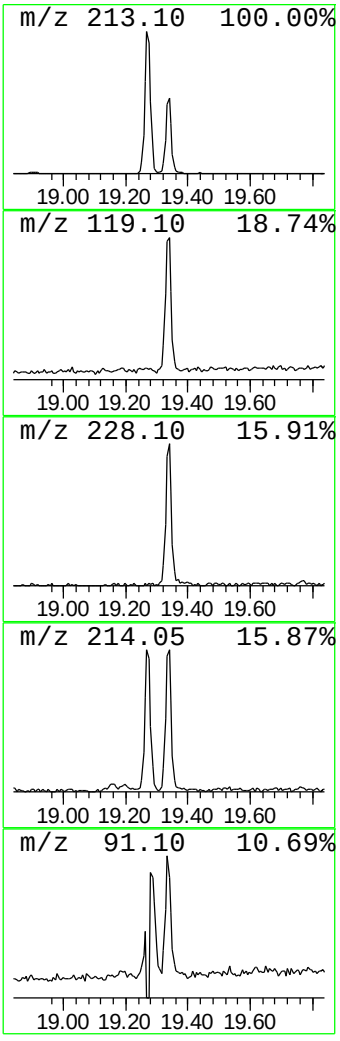
Peak Number 15 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.35 ng/ul	394814	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	72
5	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	64





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Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

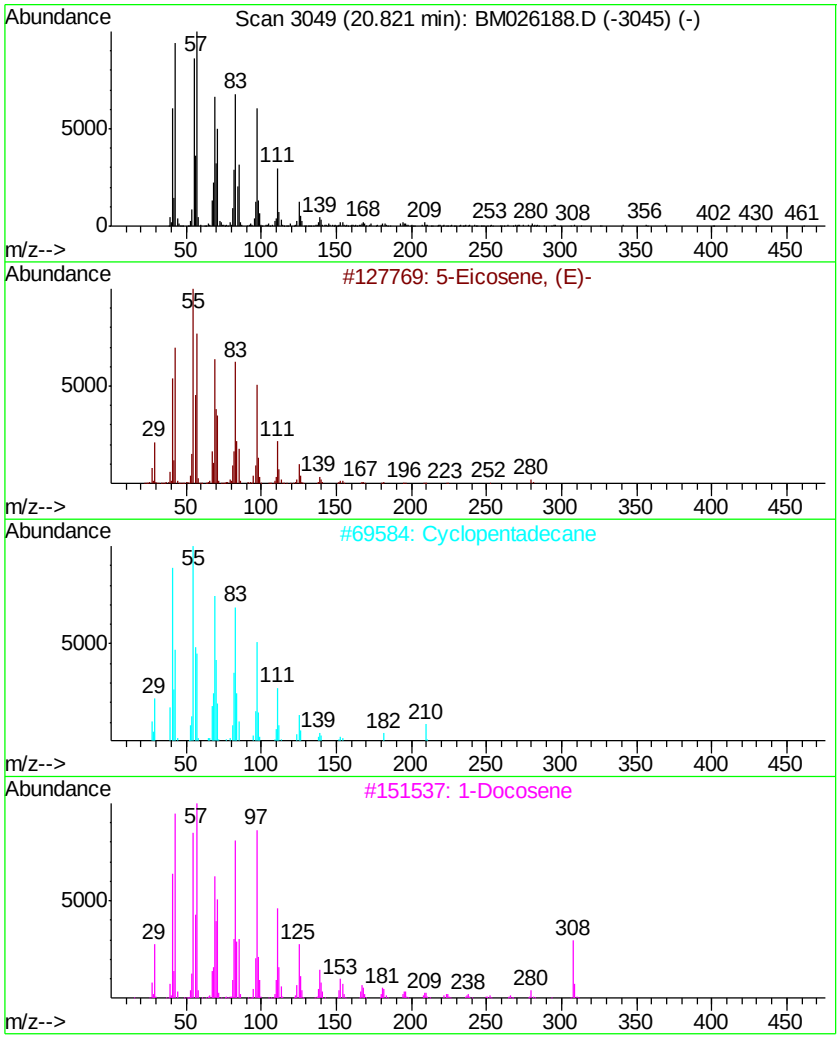
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

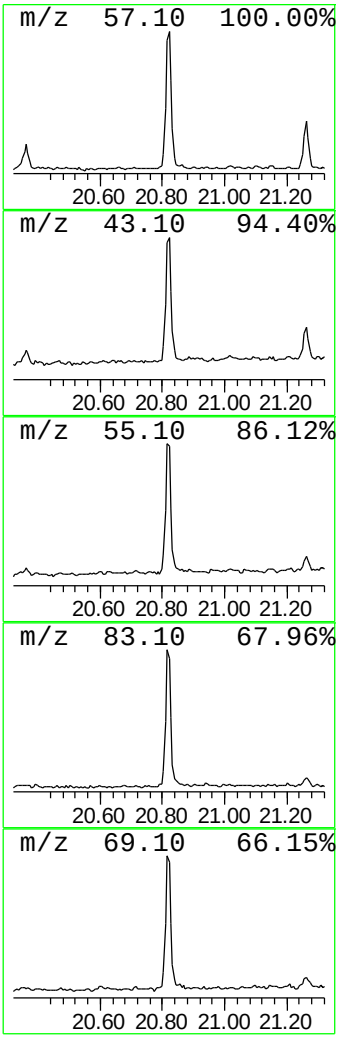
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	6.33 ng/ul	746667	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclopentadecane	210	C15H30	000295-48-7	96
3	1-Docosene	308	C22H44	001599-67-3	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052920\
Data File : BM026188.D
Acq On : 30 May 2020 01:22
Operator : MA/SJ
Sample : L2820-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB642

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Oxathiolane	4.18	3.5	ng/ul	151768	1	7.47	874605	20.0
p-Cymene	7.62	5.6	ng/ul	244778	1	7.47	874605	20.0
Benzenamine, 3-me...	8.45	96.9	ng/ul	4237650	1	7.47	874605	20.0
Bicyclo[2.2.1]hep...	8.70	2.7	ng/ul	118493	1	7.47	874605	20.0
(+)-2-Bornanone	9.66	4.5	ng/ul	284205	2	10.23	1260440	20.0
unknown-01	9.79	2.4	ng/ul	150190	2	10.23	1260440	20.0
Phenol, 4-propyl-	11.08	2.5	ng/ul	155573	2	10.23	1260440	20.0
Phenol, p-tert-bu...	11.60	2.2	ng/ul	139914	2	10.23	1260440	20.0
Benzenamine, 3-ch...	11.75	30.0	ng/ul	1889950	2	10.23	1260440	20.0
m-Toluidine, 4-ch...	11.86	7.4	ng/ul	465552	2	10.23	1260440	20.0
Benzenesulfonamid...	15.64	7.8	ng/ul	785851	4	16.87	2004920	20.0
2(3H)-Benzothiazo...	15.82	3.3	ng/ul	331920	4	16.87	2004920	20.0
Benzenesulfonamid...	16.16	5.1	ng/ul	511096	4	16.87	2004920	20.0
Phenol, 3-(2-phen...	17.07	3.9	ng/ul	393509	4	16.87	2004920	20.0
Phenol, 4,4'-(1-m...	19.34	3.4	ng/ul	394814	5	21.07	2359820	20.0
(DEL) Alkane: Str...	20.82	6.3	ng/ul	746667	5	21.07	2359820	20.0